

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1168	(29/818,787,798,432.2,432.1). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/11 10:40
L2	1	("6474454").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/11 10:41
L3	1	("6993831").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/11 10:41
S1	3	((("4570839") or ("4785529") or ("4911592"))).PN.	USPAT	OR	OFF	2006/11/30 11:39
S2	25	"4911592".uref.	USPAT	OR	ON	2007/06/11 10:06
S3	2208	(pierce or piercing) with nut	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:51
S4	312	S3 with (apparatus or tool)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 11:45
S5	1	S4 with shim	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 11:46
S6	1	S4 same shim	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 11:46
S7	8	S3 same shim	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 11:49

## EAST Search History

S8	159	S3 with spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 12:14
S9	16	"4785529".uref.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 13:48
S10	220	(29/787).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 14:01
S11	192	(29/788).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 14:32
S12	106	(29/789).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 14:35
S13	429	(29/798).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 15:22
S14	205	(29/818).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 15:29
S15	1324	(29/432).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 16:25

## EAST Search History

S16	267	(29/432.1).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 16:31
S17	242	(29/432.2).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 16:31
S18	2236	(pierce or piercing) with nut	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:52
S19	140	S18 same stroke	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 18:47
S20	8	S19 same maximum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:52
S21	1	("6474454").PN.	USPAT	OR	OFF	2007/06/10 18:49
S22	20426	stroke with (mm or inch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 18:50
S23	96	S22 with nut	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 18:50